

Title (en)

Hydraulic pressure control apparatus for controlling a pressure of a working fluid in a brake cylinder

Title (de)

Hydraulikdrucksteuergerät zum Steuern eines Druckes einer Arbeitsflüssigkeit in einem Radbremszylinder

Title (fr)

Dispositif de commande de pression hydraulique pour commander la pression d'un liquide de travail dans un cylindre de frein

Publication

EP 1243492 B1 20041208 (EN)

Application

EP 02013725 A 19990826

Priority

- EP 99116904 A 19990826
- JP 24303698 A 19980828
- JP 26864098 A 19980922
- JP 27017298 A 19980924

Abstract (en)

[origin: EP0982207A2] Hydraulic pressure control apparatus for controlling a pressure of a brake cylinder pressure, including a pump device (30) connected to the brake cylinder (18, 24, 50, 52) and including at least one set of a pump (32, 34) for delivering a pressurized fluid to the brake cylinder and a pump operating electric motor (38, 40), a low-pressure source (31) for storing the fluid discharged from the brake cylinder, a solenoid-operated pressure control valve (58, 62) disposed between the low-pressure source and the brake cylinder and operated with an electric energy applied thereto, for controlling the brake cylinder pressure depending upon the electric energy, and a controller (160, 71, 72, 74) including a pressure increase control device (S35, S42, S49, S68, S91) for increasing the brake cylinder pressure by controlling the electric motor, and a pressure reduction control device (S36, S44, S45, S66, S92) for reducing the brake cylinder pressure by controlling the electric energy applied to the control valve. <IMAGE>

IPC 1-7

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IPC 8 full level

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